



United States Air Force

Scientific Advisory Board

Dr. Miriam E. John

Sandia National Laboratories

EDUCATION:

Princeton University - Ph.D., Chemical Engineering, 1977

Tulane University - M.S., Chemical Engineering, 1972

Rice University - B.S., Chemistry, 1970

WORK EXPERIENCE:

Sandia National Laboratories

Vice President, California Division, 1999-present.

Director, Center for Exploratory Systems and Development 1992-1999.

Manager, Systems Analysis Department, 1991-1992.

Manager, Test and Evaluation Group for the W89/SRAM II, 1988-1991.

Manager, Systems Research Department, 1985-1988.

Manager, Fluid Mechanics and Thermal Analysis Department 1982-1985.



AREAS OF EXPERTISE:

WMD non-and counter-proliferation, nuclear weapons, directed energy weapons, chemical and biological sensors, chem/bio defense systems, weapons demilitarization, threat assessment and systems analysis, enterprise modeling, computational chemistry.

PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:

Naval Studies Board; ANSER Corporation, Board of Directors; Advisor, NSF Science and Technology Center for Environmentally Responsible Solvents and Processes; NSF Fellow; NRC Board on Army Science and Technology; DoD Threat Reduction Advisory Committee; DOE National Commission on Science and Security.
